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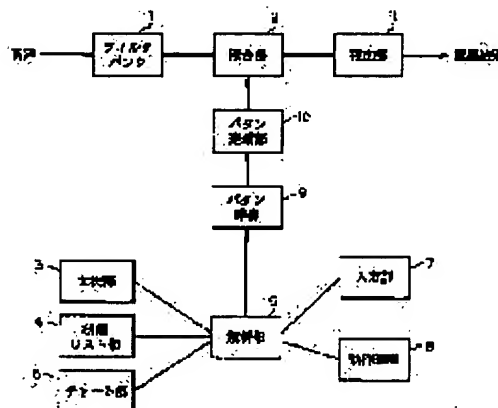|	
(21)Application number : 06-161961	(71)Applicant : RICOH CO LTD
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	ITO HIDEO

(54) CONTINUOUS VOICE RECOGNITION SYSTEM

(57)Abstract:

PURPOSE: To reduce the collating range of voice recognition and to conduct a high speed collation by employing a sentence structure analysis section which is simple in its mechanism and has a smaller amount of storage.

CONSTITUTION: A filter bank 1 conducts a frequency analysis of an inputted voice. An analysis section 6 analyzes the voice symbol column using a grammar. A collating section 2 decides the class to which the inputted voice belongs. An input section 7 stores an ending symbol and two location numbers. A chart section 5 stores the ending symbol or a non-ending symbol. A grammar section 3 stores a context free grammar. An operation list section 8 stores an LR list. Having the above constitution, a specific class is introduced as the collating object of an unknown inputted voice.

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